



STATEMENT OF ENERGY PERFORMANCE

Brookside Elementary

Building ID: 1764917
 For 12-month Period Ending: March 31, 2009¹
 Date SEP becomes ineligible: July 29, 2009

Date SEP Generated: June 04, 2009

Facility
 Brookside Elementary
 199 Brookside Drive
 Nicholasville, KY 40356

Facility Owner
 Jessamine Co. Board of Education
 871 Wilmore Road
 Nicholasville, KY 40356
 8598872012

Primary Contact for this Facility
 Shirley Smith
 1001 Cook Lane
 Nicholasville, KY 40356
 8598817111
 shirley.smith@jessamine.ky.us

Year Built: 2005
Gross Floor Area (ft²): 58,790

Energy Performance Rating² (1-100) 83

Site Energy Use Summary³

Electricity (kBtu)	2,300,725
Natural Gas (kBtu) ⁴	0
Total Energy (kBtu)	2,300,725

Energy Intensity⁵

Site (kBtu/ft ² /yr)	39
Source (kBtu/ft ² /yr)	131

Emissions (based on site energy use)
 Greenhouse Gas Emissions (MtCO₂e/year) 465

Electric Distribution Utility
 Blue Grass Energy Coop Corp

National Average Comparison

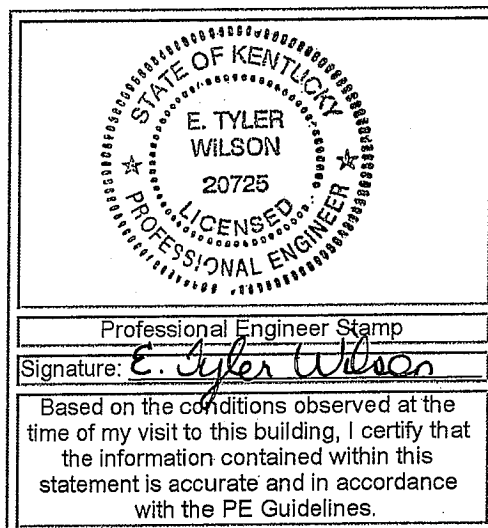
National Average Site EUI	56
National Average Source EUI	189
% Difference from National Average Source EUI	-31%
Building Type	K-12 School

Meets Industry Standards⁶ for Indoor Environmental Conditions:

Ventilation for Acceptable Indoor Air Quality	Yes
Acceptable Thermal Environmental Conditions	Yes
Adequate Illumination	Yes

Notes:

1. Application for the ENERGY STAR must be submitted to EPA within 4 months of the Period Ending date. Award of the ENERGY STAR is not final until approval is received from EPA.
2. The EPA Energy Performance Rating is based on total source energy. A rating of 75 is the minimum to be eligible for the ENERGY STAR.
3. Values represent energy consumption, annualized to a 12-month period.
4. Natural Gas values in units of volume (e.g. cubic feet) are converted to kBtu with adjustments made for elevation based on Facility zip code.
5. Values represent energy intensity, annualized to a 12-month period.
6. Based on Meeting ASHRAE Standard 62 for ventilation for acceptable indoor air quality, ASHRAE Standard 55 for thermal comfort, and IESNA Lighting Handbook for lighting quality.



Professional Engineer
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 State: KY
 Tyler Wilson
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 8592778177

ENERGY STAR® Data Checklist for Commercial Buildings

In order for a building to qualify for the ENERGY STAR, a Professional Engineer (PE) must validate the accuracy of the data underlying the building's energy performance rating. This checklist is designed to provide an at-a-glance summary of a property's physical and operating characteristics, as well as its total energy consumption, to assist the PE in double-checking the information that the building owner or operator has entered into Portfolio Manager.

Please complete and sign this checklist and include it with the stamped, signed Statement of Energy Performance.

NOTE: You must check each box to indicate that each value is correct, OR include a note.

CRITERION	VALUE AS ENTERED IN PORTFOLIO MANAGER	VERIFICATION QUESTIONS	NOTES	<input checked="" type="checkbox"/>
Building Name	Brookside Elementary	Is this the official building name to be displayed in the ENERGY STAR Registry of Labeled Buildings?		<input checked="" type="checkbox"/>
Type	K-12 School	Is this an accurate description of the space in question?		<input checked="" type="checkbox"/>
Location	199 Brookside Drive, Nicholasville, KY 40356	Is this address accurate and complete? Correct weather normalization requires an accurate zip code.		<input checked="" type="checkbox"/>
Single Structure	Single Facility	Does this SEP represent a single structure? SEPs cannot be submitted for multiple-building campuses (with the exception of acute care or children's hospitals) nor can they be submitted as representing only a portion of a building		<input checked="" type="checkbox"/>

Brookside Elementary (K-12 School)				
CRITERION	VALUE AS ENTERED IN PORTFOLIO MANAGER	VERIFICATION QUESTIONS	NOTES	<input checked="" type="checkbox"/>
Gross Floor Area	58,790 Sq. Ft.	Does this square footage include all supporting functions such as kitchens and break rooms used by staff, storage areas, administrative areas, elevators, stairwells, atria, vent shafts, etc. Also note that existing atriums should only include the base floor area that it occupies. Interstitial (plenum) space between floors should not be included in the total. Finally gross floor area is not the same as leasable space. Leasable space is a subset of gross floor area.		<input checked="" type="checkbox"/>
Open Weekends?	Yes	Is this building normally open at all on the weekends? This includes activities beyond the work conducted by maintenance, cleaning, and security personnel. Weekend activity could include any time when the space is used for classes, performances or other school or community activities. If the building is open on the weekend as part of the standard schedule during one or more seasons, the building should select ?yes? for open weekends. The ?yes? response should apply whether the building is open for one or both of the weekend days.	Yes. Occasional school functions occur on the weekends. Also, school staff (other than maintenance) work many weekends.	<input checked="" type="checkbox"/>
Number of PCs	115	Is this the number of personal computers in the K12 School?	Yes. Verified by the District Tech. Coord.	<input checked="" type="checkbox"/>
Number of walk-in refrigeration/freezer units	2	Is this the total number of commercial walk-in type freezers and coolers? These units are typically found in storage and receiving areas.		<input checked="" type="checkbox"/>
Presence of cooking facilities	Yes	Does this school have a dedicated space in which food is prepared and served to students? If the school has space in which food for students is only kept warm and/or served to students, or has only a galley that is used by teachers and staff then the answer is "no".	Yes. Full kitchen and cafeteria.	<input checked="" type="checkbox"/>
Percent Cooled	100 %	Is this the percentage of the total floor space within the facility that is served by mechanical cooling equipment?	99%. Only the Mech. Rm. is not cooled.	<input checked="" type="checkbox"/>
Percent Heated	100 %	Is this the percentage of the total floor space within the facility that is served by mechanical heating equipment?	Yes.	<input checked="" type="checkbox"/>

Months	12 (Optional)	Is this school in operation for at least 8 months of the year?	<input checked="" type="checkbox"/>
High School?	No	Is this building a high school (teaching grades 10, 11, and/or 12)? If the building teaches to high school students at all, the user should check 'yes' to 'high school'. For example, if the school teaches to grades K-12 (elementary/middle and high school), the user should check 'yes' to 'high school'.	<input checked="" type="checkbox"/>